

# SEQUENCE LISTING



#7  
RECEIVED  
APR 25 2002  
TECH CENTER 1600/2900

<110> Garnaat, Carl W.  
Lowe, Keith S.  
Roth, Bradley A.

<120> ZmAxig1 Polynucleotides and Methods of Use

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<150> US 60/217,942

<151> 2000-07-13

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Met Glu Leu  
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gag ctc ggg ctc gcg ccg ccg aac ccg cat cag ccg ctg gct gcc gcc 226  
Glu Leu Gly Leu Ala Pro Pro Asn Pro His Gln Pro Leu Ala Ala Ala  
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gcc gag ttc gtc ggt ctc ctc agc agc tcg gct ggc tcg tgc ggg aac 274  
Ala Glu Phe Val Gly Leu Leu Ser Ser Ser Ala Gly Ser Cys Gly Asn  
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aag agg gtt ctc ggc gac gcg ttc ggg gcc gcc aag gcg gcc acg ctt 322  
Lys Arg Val Leu Gly Asp Ala Phe Gly Ala Ala Lys Ala Ala Thr Leu  
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Pro Leu Phe Val Cys Glu Asp Gly Asp Gly Gly Gly Gly Asp Arg Asp  
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Arg Asp Gly Val Val Asp His Glu Gln Gln Ser Asn Asn Val Pro Arg  
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Ser Cys Gly Gly Gly Tyr Val Lys Val Lys Leu Glu Gly Val Pro Ile	
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Gly Arg Lys Val Asp Val Ser Ile His Gly Ser Tyr Gln Glu Leu Leu	
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cgc acg ctc gag agc atg ttc cct tgc ggt aac caa caa gat cat gca	610
Arg Thr Leu Glu Ser Met Phe Pro Ser Gly Asn Gln Gln Asp His Ala	
135 140 145	
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Glu Asp Glu Val Val Val Ser His Glu Arg Arg Arg Arg His Pro Tyr	
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Val Val Thr Tyr Glu Asp Gly Glu Gly Asp Trp Leu Leu Val Gly Asp	
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Asp Val Pro Trp Glu Val Phe Val Lys Ser Val Lys Arg Leu Lys Ile	
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Leu Ala *	
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35 40 45
Ala Thr Leu Pro Leu Phe Val Cys Glu Asp Gly Asp Gly Gly Gly Gly
50 55 60
Asp Arg Asp Arg Asp Gly Val Val Asp His Glu Gln Gln Ser Asn Asn

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Arg	Arg	Arg	Ser	Cys	Gly	Gly	Gly	Tyr	Val	Lys	Val	Lys	Leu	Glu	Gly
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His	Pro	Tyr	Val	Val	Thr	Tyr	Glu	Asp	Gly	Glu	Gly	Asp	Trp	Leu	Leu
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aagttagcta	gctctggtcg	cgctaacttc	tgtcgatcgc	ctattagcta	atactccatc	720
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 <212> DNA  
 <213> Zea mays

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<211> 65

<212> PRT

<213> Zea mays

<400> 21

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Xaa															
65															